IN THE SPECIFICATION

page 4, line 3: The circuit pattern 2 is formed of bio-carbon, i.e. carbon containing a biological agent, in this case an enzyme, and directly printed on the substrate 1, comprising a first circuit 21 and a second circuit 22. The first circuit 21 and the second circuit 22 each have a front probe end 211 or 221, a rear contact end 213 or 223, and an elongated transmission section 212 or 222 connected between the front probe end 211 or 221 and the rear contact end 213 or 223. The first and second circuits 21 and 22 are so arranged that a test sample accumulation space 23 is formed in the substrate 1 between the front probe ends 211 and 221 of the circuits 21 and 22 and adapted to receive the liquid test sample to be examined. Further, the substrate 2 has a protruding guide portion 11 corresponding to the test sample accumulation space 23 for guiding the applied liquid test sample into the test sample accumulation space 23. When the applied liquid test sample guided to the test sample accumulation space 23, the front probe ends 211 and 221 of the circuits 21 and 22 are induced to produce a reacted signal. The transmission sections 212 and 222 of the circuits 21 and 22 transmit the reacted signal from the front probe ends 211 and 221 to the rear contact ends 213 and 223 and then to respective contacts in the meter in which the test strip is inserted.

page 9, line 1: **ABSTRACT OF THE DISCLOSURE**

A test strip is constructed to include a substrate and a bio-carbon circuit pattern formed of two circuits and printed on the substrate, the circuits each having a front probe end spaced from each other by a test sample accumulation space in the substrate and adapted to contact the liquid test sample being dropped from the top side or guided from one lateral side of the substrate and to produce a reacted signal after contact of the liquid test sample with an enzyme on the test strip, and then to transmit the reacted signal to ~~the~~ a meter in which the test strip is inserted after contact of the front probe ends of the circuits with the applied liquid test sample.